

SLMS/NYLA presents the  
2006 Leadership Retreat

# Libraries Foster a Sense of Wonder

Barbara Stripling

[bstripling@schools.nyc.gov](mailto:bstripling@schools.nyc.gov)

Pam Berger

[pberger@infosearcher.com](mailto:pberger@infosearcher.com)

# Welcome!

Monday

*8:00am*

Inquiry, Literacy and Technology

*12:00noon*

*Lunch*

*1:00-4:00pm*

Developing a sense of wonder through design and teaching

*4:00pm- 6:00pm*

*free time*

*7:00pm-10:pm*

World Café: What is a culture of inquiry?

Scholarship Auction

Tuesday

*8:00am -12:00noon*

Leadership

Libraries Foster a Sense  
of Wonder

# It is not the answer that enlightens but the question.

----- by Eugène Ionesco

*What is the Inquiry Process?*

*What skills best support each phase of inquiry?*

*How do we develop a sense of wonder through design and teaching?*

*How do I teach students to construct new information?*

*What is a World Café?*

*What is a Culture of Inquiry?*

*How am I a leader in creating a culture of inquiry?*

*How can I use my leadership skills to support inquiry?*

*How can I create a culture of inquiry?*

Libraries Foster a Sense  
of Wonder

# Learning Community

- Comprised of Novice, Practitioner, Expert
- Ask questions
- Reflect on what's important for you
- Share expertise
- Learn through inquiry



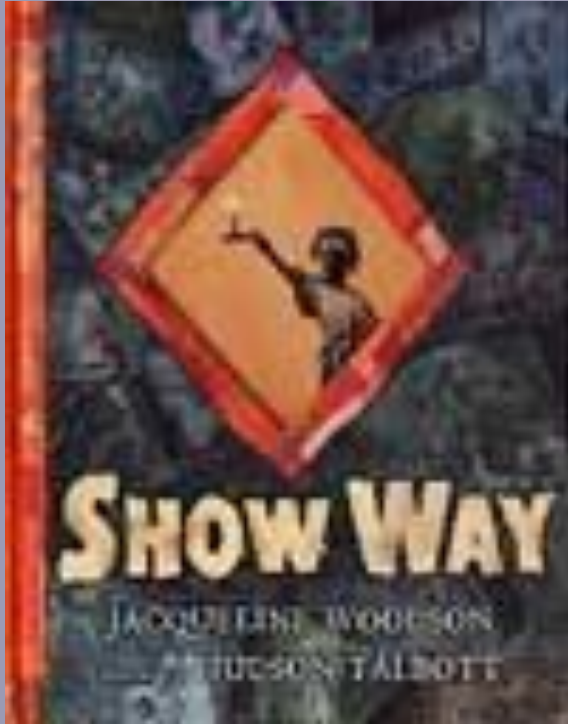
Libraries Foster a Sense  
of Wonder

# *What are you going to learn?*

- **Foster a sense of wonder in your students**
- **Strategies to create effective inquiry-based collaborative curriculum units**
- **Create information fluency lessons that actively engage students in inquiry**
- **Be strategic in positioning the library as an integral component of the teaching and learning process in your school**

Practical strategies, tips, and tools

# *Show Way* by Jacqueline Woodson



“After my grandmother died and my daughter was born, I wanted to figure out a way to hold on to all the amazing history in our family. I wanted a *Show Way* for my own daughter. ”

# Building a Show Way of Inquiry, Literacy and Technology

- Divide into groups: K-2, 3-5, 6-8, 9-12
- Each group develops a quilt of the benchmark skills in technology (green paper), literacy (pink paper), and inquiry (blue paper) that students must acquire by the end of 2<sup>nd</sup>, 5<sup>th</sup>, 8<sup>th</sup> and 12<sup>th</sup> grades
- Use graphic and words, making sure that the skills are clearly identified
- Post quilts on the wall under the appropriate grade level

# *What would you do?*



It's 10:30pm, there is a horrible lightning and thunderstorm, your house is hit by a 7000 lb, 80 ft tree. It crushed the roof, creating a 30 ft by 40 ft hole, crashed into the ceiling of the second floor master bathroom, knocked out part of the chimney and finally split in half and fell into the front yard covering it with tree limbs and branches. The storm continued throughout the night.



Jot down the process you would use to sort through and solve this problem.

Libraries Foster a Sense  
of Wonder



# The Stripling Inquiry Process

## **Connect**

**Connect to self, previous knowledge**

**Gain background knowledge to set context for new learning**

**Observe, experience**

## **Wonder**

**Develop questions**

**Make predictions**

## **Investigate**

**Find and evaluate information to answer questions, test hypotheses**

**Think about the information to illuminate new questions and hypotheses**

# The Stripling Inquiry Process

## **Construct**

**Construct new understandings connected to previous knowledge**

**Draw conclusions about questions and hypotheses**

## **Express**

**Express new ideas to share learning with others**

**Apply understandings to a new context, new situations**

## **Reflect**

**Reflect on own process of learning and on new understandings gained from inquiry**

**Ask new questions**

# *What is the Inquiry Process?*

Look at the Inquiry Process

How is it the same and different from the process that you used?

What skills did you use to carry out the inquiry process?

# *What skills best support each phase of inquiry?*

Grades 3-5

Connect

Wonder

Investigate

Construct

Express

Reflect

Work in grade-level groups to transfer skills identified on the quilts (on post-it notes) to the most appropriate phase of the inquiry on your wall chart



LUNCH!

**Relax and Network**

*How do we develop a sense of wonder through design and teaching?*

# Authenticity: Critical Thinking, Process, Real-World

## REACTS Taxonomy

- Levels of thinking
- Verbs for each level

# *How do I engage teachers in the Inquiry Process?*

Think of places in the real world where we rely on communication (e.g. home, office, parks, stores, etc.)

At your tables work with small groups of 3

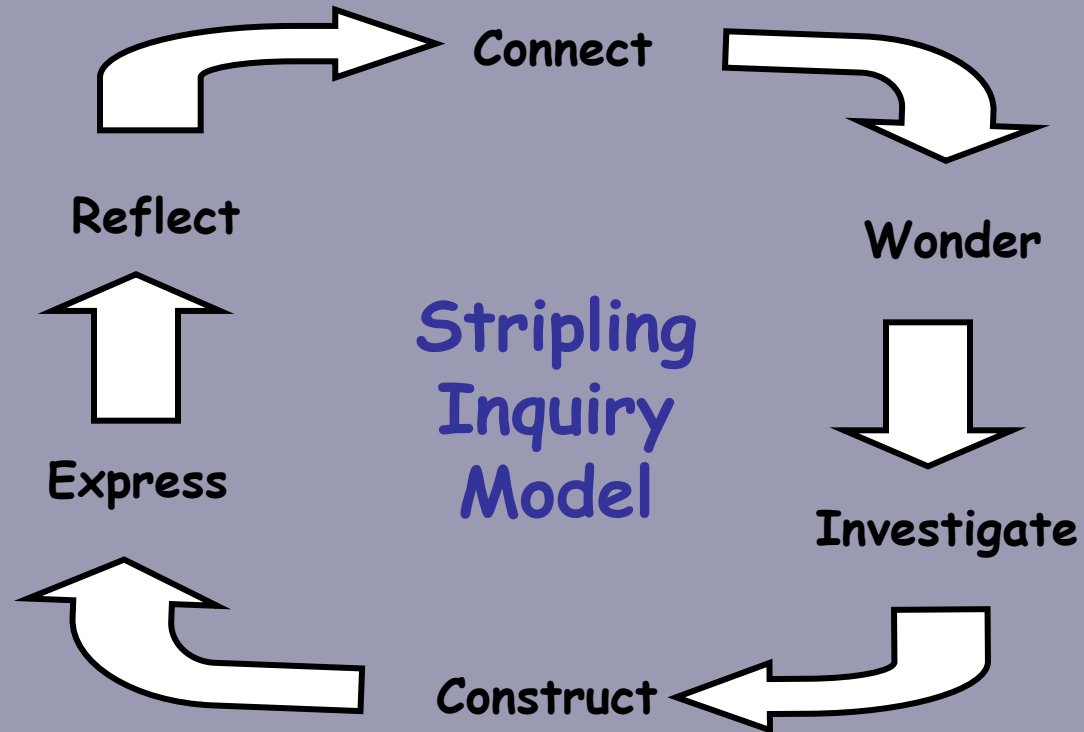
In small groups, pick a place and brainstorm a list of communication venues for one place/situation

Fill out the chart using a subject commonly taught for that grade range

Share with large group

**Individually – Develop an assessment product for a unit you have done that you want to turn into an inquiry unit with an engaging assessment product.**

# An Inquiry Framework

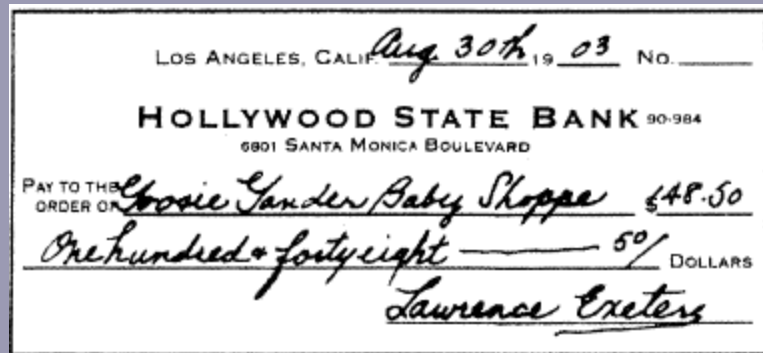


Libraries Foster a Sense  
of Wonder



# *How do I teach students to construct new information?*

Review the information/evidence in the envelope



Review the common patterns for organization of information – “Taxonomy of Patterns of Information” by Bernie Dodge

Select one that fits best

Draw a visual representation of the pattern and try to slot the information into the pattern to see if it makes sense

# Making Sense of Information Using Organization

What's going on?

What patterns helped you make sense of these checks?

How did you choose the pattern?

How would you teach students to use that pattern?

# Welcome!

7:00pm -10:00pm  
Evening Session – World Café  
Scholarship Auction

Libraries Foster a Sense  
of Wonder

# *What is a World Café?*



World Café Conversations are an intentional way to create a living network of conversation around questions that matter

A Café Conversation is a creative process for leading collaborative dialogue, sharing knowledge and creating possibilities for action in groups of all sizes

Libraries Foster a Sense  
of Wonder

# World Café Structure

- Three rounds of discussion starting with the table you are currently sitting
- In 8 minutes you move to another table and then in another 8 minutes you move to a third table
- First two rounds one person stays behind and acts as the Table Host

# World Café Instructions

## Listen Together and Notice Patterns

- Listen with an openness to be influenced by the speaker
- Listen to support the speaker in fully expressing themselves
- Listen for deeper questions, patterns, insights and emerging perspectives
- Listen for what is not being spoken along with what is being shared
- Play, Doodle, Draw--writing on table covers is encouraged

# Your task

- Focus on what matters
- Contribute your thinking
- Speak your mind and heart
- Listen to understand--dialogue
- Link and connect
- Listen together for insights
- Play, Doodle, Draw--writing on table covers is encouraged



# Table Host: Your Job

- Remind people at your table to jot down key connections, ideas and discoveries and deeper connections as they emerge
- Remain at the table when others leave and welcome travelers from other tables
- Briefly share key insights from prior conversations so others can link and build using key ideas from other table



# World Café Question



What is a culture  
of inquiry?

Libraries Foster a Sense  
of Wonder

Inquiry is like...

A petunia...

A horseshoe...

Colored M & M's...

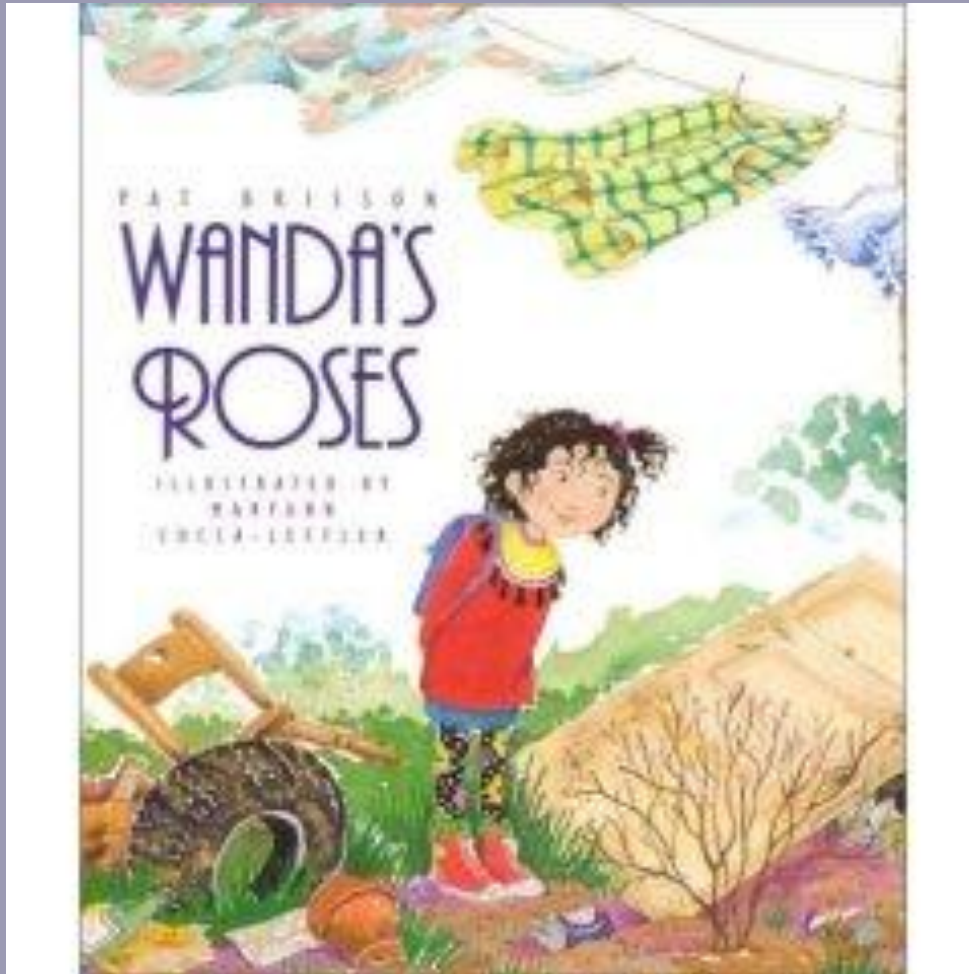
A hula skirt...

# Culture Of Inquiry

- Fosters trust, tolerance and risk-taking
- Builds self-confidence and a willingness to challenge ideas and tolerate confusion
- Requires respect
- Demands intellectual engagement and higher order thinking
- Encourages open-minded collaboration and acceptance of diverse ideas
- Engenders passion and curiosity
- Empowers learners to take control of their own learning
- Structured around flexible use of time, non-hierarchical organization, adult modeling and adequate resources
- Provokes questioning

Libraries Foster a Sense  
of Wonder

# Wanda's Roses by Pat Brisson



Libraries Foster a Sense  
of Wonder

*What are some traits and actions  
that make Wanda successful?*

# Wanda's Leadership TraitsC

Vision

Persistence

Belief

Called in experts, research

Flexible thinking

Worked hard

Communicated with others; assembled team

Shared vision and passion

Tried different solutions

Created supportive community

Helped others to care about her and the vision – they liked her; they wanted to help her

Goal was community goal

Built relationships; asked others for help

Positive attitude and focusing on outcome enabled overcoming obstacles;

Nurturing

Creative; optimistic; found alternative solutions

Celebrated success, vision

Libraries Foster a Sense  
of Wonder

# Leadership Characteristics

Imagine Wanda is in your school. How would she create a culture of inquiry in your school?

# Culture Of Inquiry

- Fosters trust, tolerance and risk-taking
- Builds self-confidence and a willingness to challenge ideas and tolerate confusion
- Requires respect
- Demands intellectual engagement and higher order thinking
- Encourages open-minded collaboration and acceptance of diverse ideas
- Engenders passion and curiosity
- Empowers learners to take control of their own learning
- Structured around flexible use of time, non-hierarchical organization, adult modeling and adequate resources
- Provokes questioning

Libraries Foster a Sense  
of Wonder



*How am I a leader in creating a culture of inquiry?*

What do you do as a leader in  
information fluency/inquiry in your  
school?

*Share with one person at your table (pair share)*

How do these activities relate to the  
components of leadership?

# Wanda's Leadership Traits

Vision

Persistence

Belief

Called in experts, research

Flexible thinking

Worked hard

Communicated with others; assembled team

Shared vision and passion

Tried different solutions

Created supportive community

Helped others to care about her and the vision – they liked her; they wanted to help her

Goal was community goal

Built relationships; asked others for help

Positive attitude and focusing on outcome enabled overcoming obstacles;

Nurturing

Creative; optimistic; found alternative solutions

Celebrated success, vision

Libraries Foster a Sense  
of Wonder

## *How can I create a culture of inquiry?*

- Individually, write 1 or 2 goals for bringing your school to a culture of inquiry
- For each goal, develop action steps that you will take to move your school toward that goal
- How will you know if you are successful?

# Thank- You!

Libraries Foster a Sense  
of Wonder